

Reaction of tetracyclone with the ethyl ester of phenylphosphonous acid

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Abstract

Ethyl phenylphosphonite in the presence of triethylamine is added at the carbonyl group of tetracyclone with the formation of α -hydroxyphosphinate, which upon heating is converted to products which are identical to the products of 1,6- and 1,4-addition to a conjugated system of tetracyclone; in the presence of a base only the 1,6-addition occurs. © 1979 Plenum Publishing Corporation.

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